

Title (en)

Manipulation-proof RFID antenna with safety feature

Title (de)

Manipulationssichere RFID-Antenne mit Sicherheitsmerkmal

Title (fr)

Antenne RFID protégée contre la manipulation dotée d'une caractéristique de sécurité

Publication

EP 2164032 B1 20180718 (DE)

Application

EP 08016175 A 20080915

Priority

EP 08016175 A 20080915

Abstract (en)

[origin: EP2164032A1] The material has set of layers arranged in different sequence, where the layers include a carrier substrate (1), a thin ultra violet-thermosetting-lacquer coat (3), a partially electro plated reflector layer (4), a smooth-lacquer coat (5), a partial copper layer (6), a strap or microchip (7), an adhesive layer (8), a peelable protective sheet, a printed layer (9) and a non-embossed ultra violet- lacquer coat. A hologram is embossed in the ultra violet-thermosetting-lacquer coat that exhibits a thickness of 0.5 to 50 micrometers. The copper layer forms an antenna.

IPC 8 full level

H01Q 1/22 (2006.01); **G06K 19/077** (2006.01)

CPC (source: EP US)

G06K 19/07749 (2013.01 - EP US); **G06K 19/07756** (2013.01 - EP US); **G06K 19/0776** (2013.01 - EP US); **H01Q 1/2225** (2013.01 - EP US); **B42D 25/328** (2014.10 - EP US); **B42D 25/373** (2014.10 - US); **B42D 2033/10** (2022.01 - EP)

Cited by

US8857856B2; WO2010102755A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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